

Abstract

The inventive gas compressor (1) comprises n in series connected stages (C1, C2, C3, C4, C5), wherein n is equal to or greater than 3, each stage is followed by a cooler (R1, R2, R3, R4, R5), at least two coolers have different compressed gas pressure drops, the cooler exhibiting a smaller pressure drop being mounted upstream from the cooler exhibiting a higher pressure drop.